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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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10/758,089

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EXAMINER

PAUL, DISLER

ART UNIT

PAPER NUMBER

2615

MAIL DATE

DELIVERY MODE

06/18/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |                                      |   |  |
|------------------------------|--------------------------------------|---|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/758,089 | <b>Applicant(s)</b><br>CHIU, CHENG-SHUN |  |
|                              | <b>Examiner</b><br>Disler Paul       | <b>Art Unit</b><br>2615                 |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

### DETAILED ACTION

1. Claim 1 is objected to because of the following informalities: Applicant write claim 1 in narrative format. Appropriate correction is required.

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Norris (3,718,862) and (Stockhamer (6,061,457) and Newton (6,256,519 B1).

Re claim 1, Norris disclose of the cabled and wireless dual-purpose microphone (fig.2-4; col.2 line 21-26; col.3 line 20-25) comprising: a receiver (fig.1/microphone wt sensor) a wireless connector and a cabled connector (fig.2; col.3 line 20-26/adaptable connector suitable for either wired or wireless connections), and the receiver connected to a first adapter (fig.2 (15,17); col.2 line 5-21); the wireless connector including a casing to accommodate a battery source with the primary end of the casing connected to second adapter relatively connected to first adapter connected to the receiver (fig.4 (23) col.2 line 40-46 all interconnected with both

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adapters(17,21)); But Norris is silent in regard to the specific of the cabled connector with its primary end provided with the second adapter relatively connected first adapter of the receiver. However, he did disclose of the adapter being suitable for also cable microphones and further of having the wireless connector with the primary end of the casing connected to second adapter relatively connected to first adapter connected to the receiver (col.3 line 20-40; fig. 2,4), thus with the above disclose information, it is inherent that we would have the specific of the cabled connector with its primary end provided with the second adapter relatively connected first adapter of the receiver.

Norris further disclose of a conductor being connected to the second adapter, a connector being adapted to the terminal of the conductor to plug into audio input of a sound system (col.2 line 22-24/mating jack or second adapter is electrically connected for current flow and signals to be provided).

While Norris disclose of the above, He fail to further disclosed of the receiver being provided with a transmission baseboard connected to a receiving unit. But, stockhamer disclose of a waterproof microphone wherein the receiver being provided with a transmission baseboard connected to a receiving unit (fig.1-2(20,22,12; col.5 line 34-37) for the purpose of providing control over the power source. Thus, taking the combined teaching of Norris and Stockhamer as a

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whole, it would have been obvious for one of the ordinary skill in the art to modify Norris by incorporating the receiver being provided with a transmission baseboard connected to a receiving unit for the purpose of providing control over the power source.

While the combined teaching of Norris and Stockhamer as a whole, disclose of the above, they fail to further disclose of the antenna being provided to the battery source. But, Newton disclose of a cordless telephone/microphone wherein the antenna being provided to the battery source (fig.2(152,154,166)) for the purpose of providing wireless RF communications via antenna. Thus, taking the combined teaching of Norris and Stockhamer and now Newton as a whole, it would have been obvious for one of the ordinary skill in the art to modify Norris and Stockhamer as a whole, by incorporating the antenna being provided to the battery source for the purpose of providing wireless RF communications via antenna. While the combined teaching of Norris and Stockhamer and now Newton as a whole, fail to disclose of the two adapters being the specific of type-1 or type-2 adapters, official notice is taken that having the adapter being of the type-1 or type-2 adapters is simply the inventor's preference, thus it would have been obvious for one of the ordinary skill in the art to modify the combined teaching of Norris and Stockhamer and now Newton as a whole, by incorporating the type-1 or type-2 adapters for purpose of providing adaptability options to the microphone.

Re claim 2, the cabled and wireless dual-purpose microphone as claimed in claim 1, wherein; the receiver includes a body containing a chamber, a transmission baseboard in the chamber containing a receiving unit provided at where close to the audio receiving area of the body (stock,fig.1, spacing (chamber/12) for transmission electric (20)); the further teaching of Norris and Stockhamer and now Newton as a whole, would have incorporate the transmission baseboard being connected to Type 1 adapter for input of power source and output of audio signal; and the input circuit of the power source being connected to an On/Off switch (stock,fig.1 (20),wt power source ).

Re claim 3, the cabled and wireless dual-purpose microphone as claimed in claim 1, wherein, one end of the receiver contains Type 1 locking member relatively connected to Type 2 locking member provided to the wireless or cabled connector (Norris, fig.2/the two adapters lock/mate).

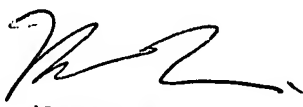
### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Disler Paul whose telephone number is 571-270-1187. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chin Vivian can be reached on 571-272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DP

  
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